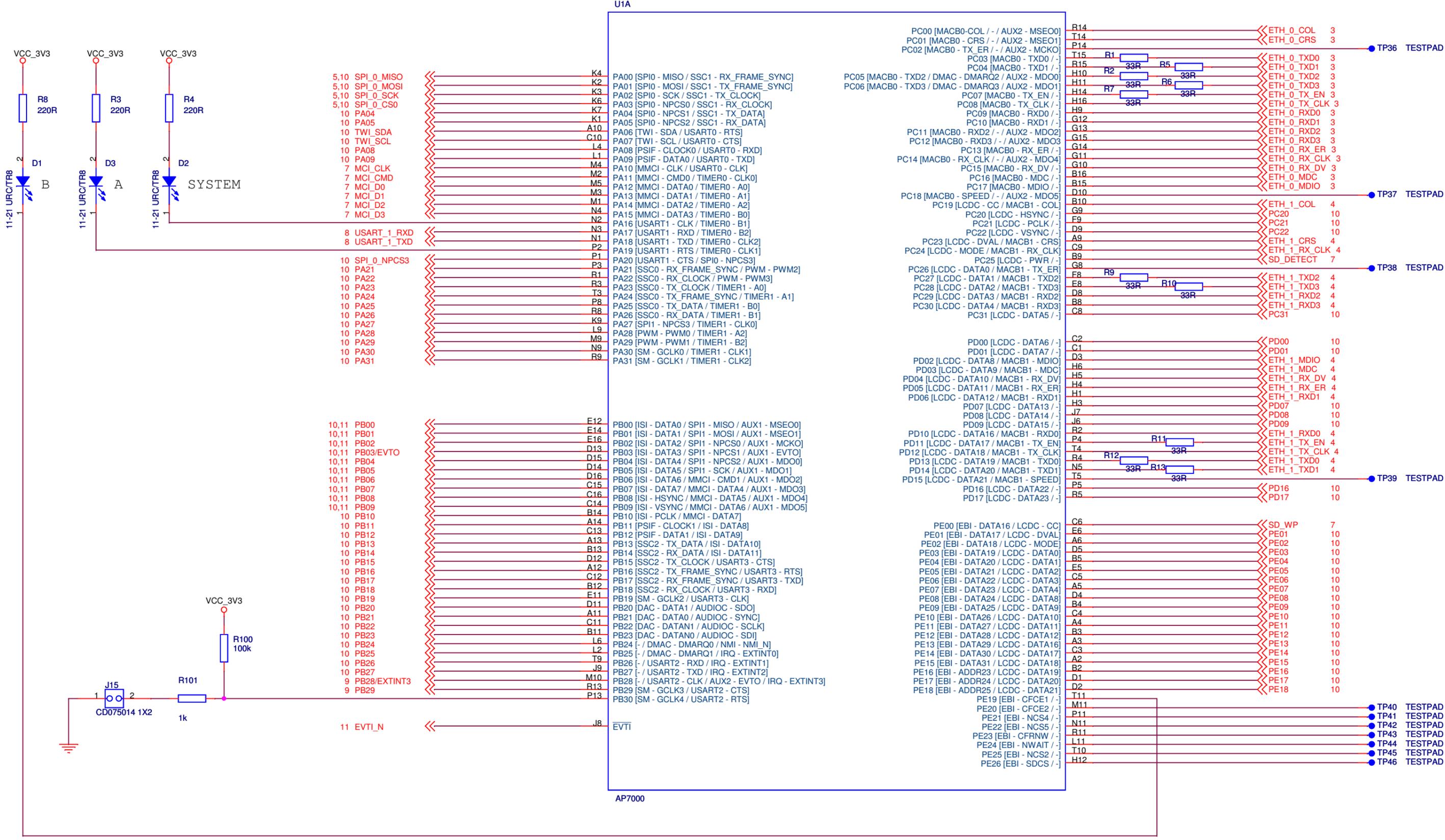
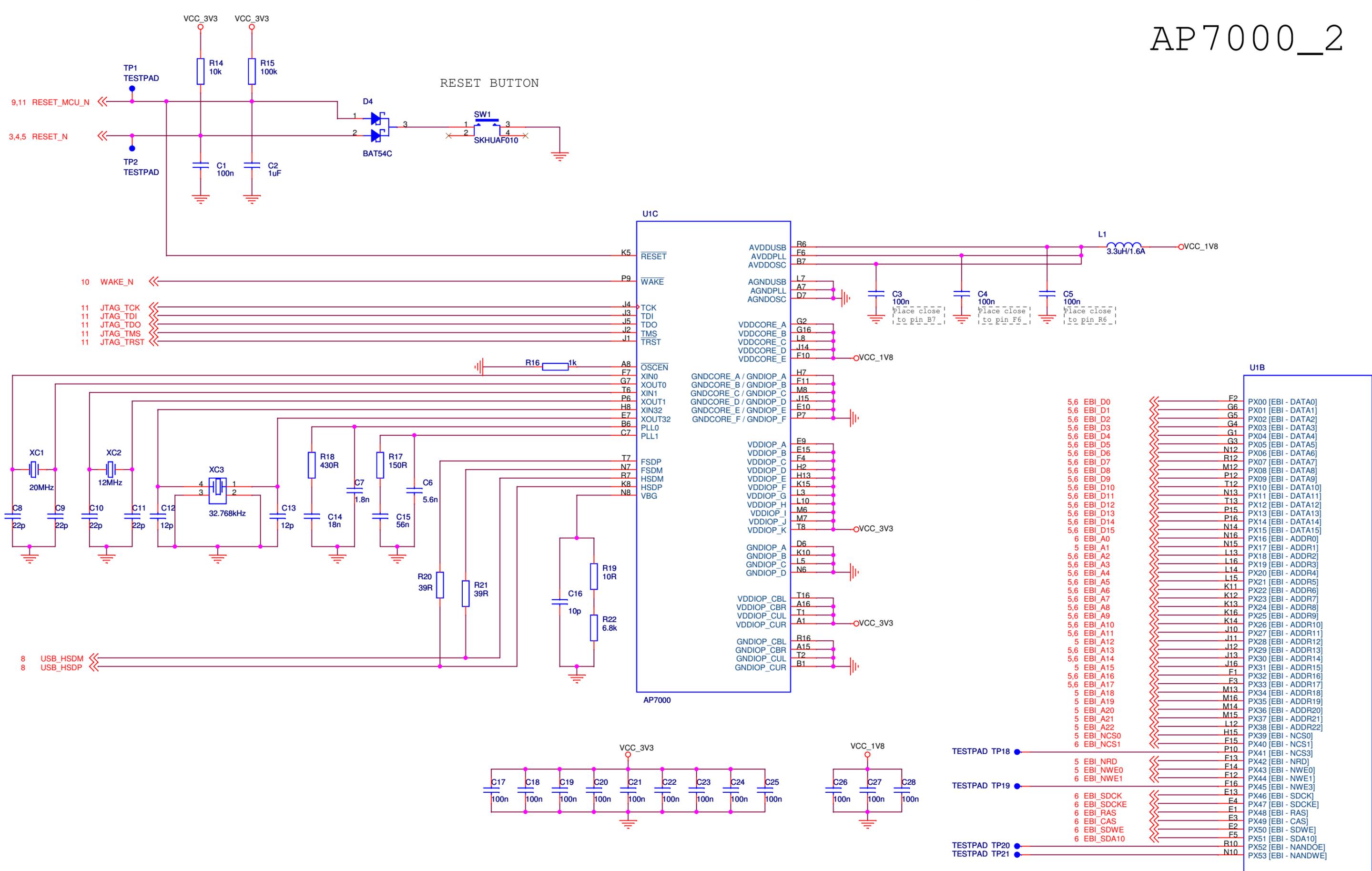


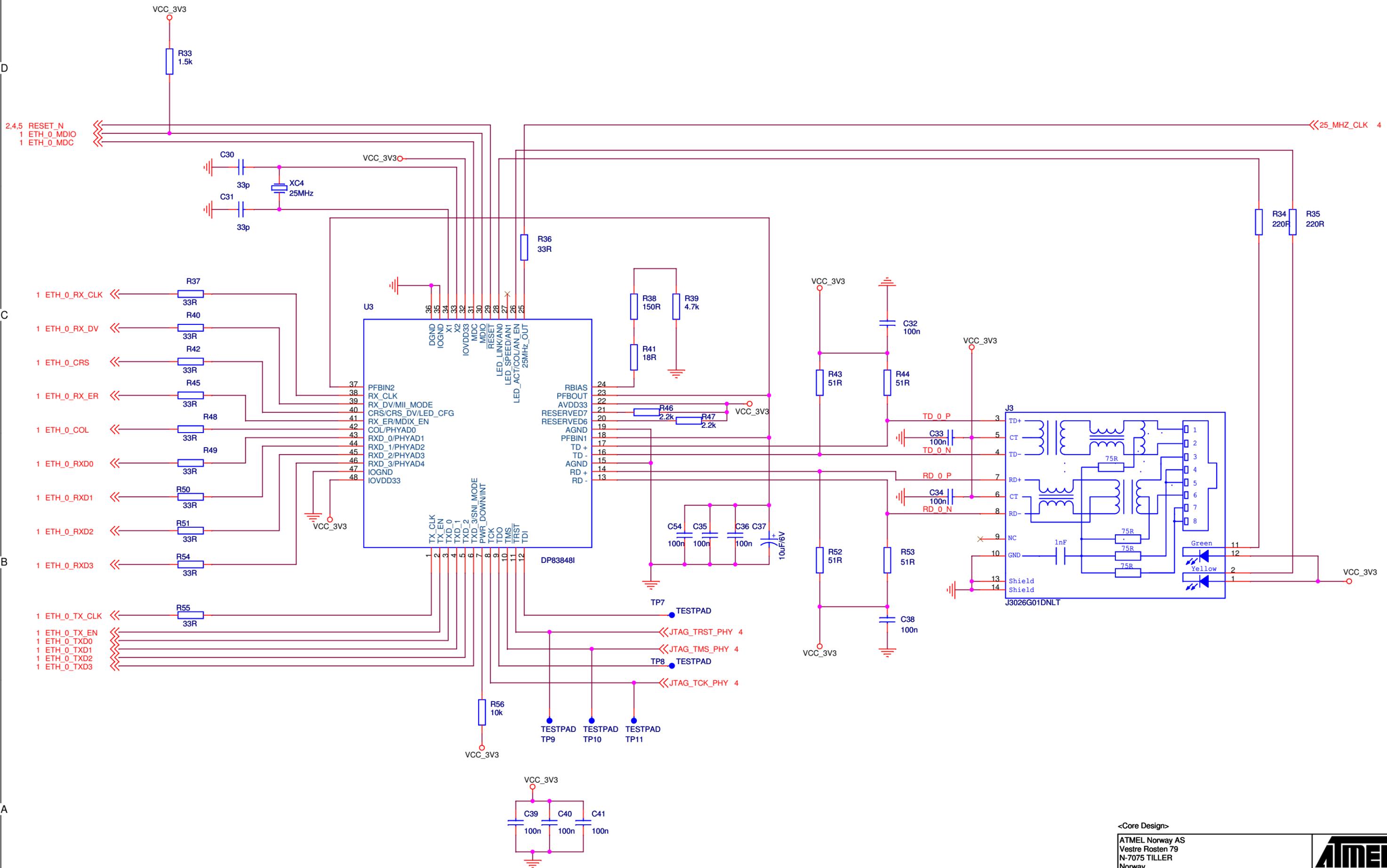
D  
C  
B  
A



# AP7000\_2



# ETHERNET PORT 0



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



Title Ethernet port 0

Size A3  
Document Number <Doc>

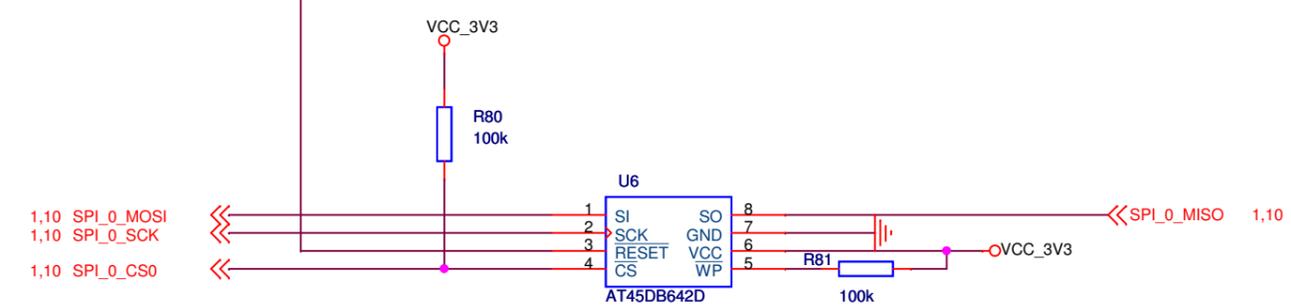
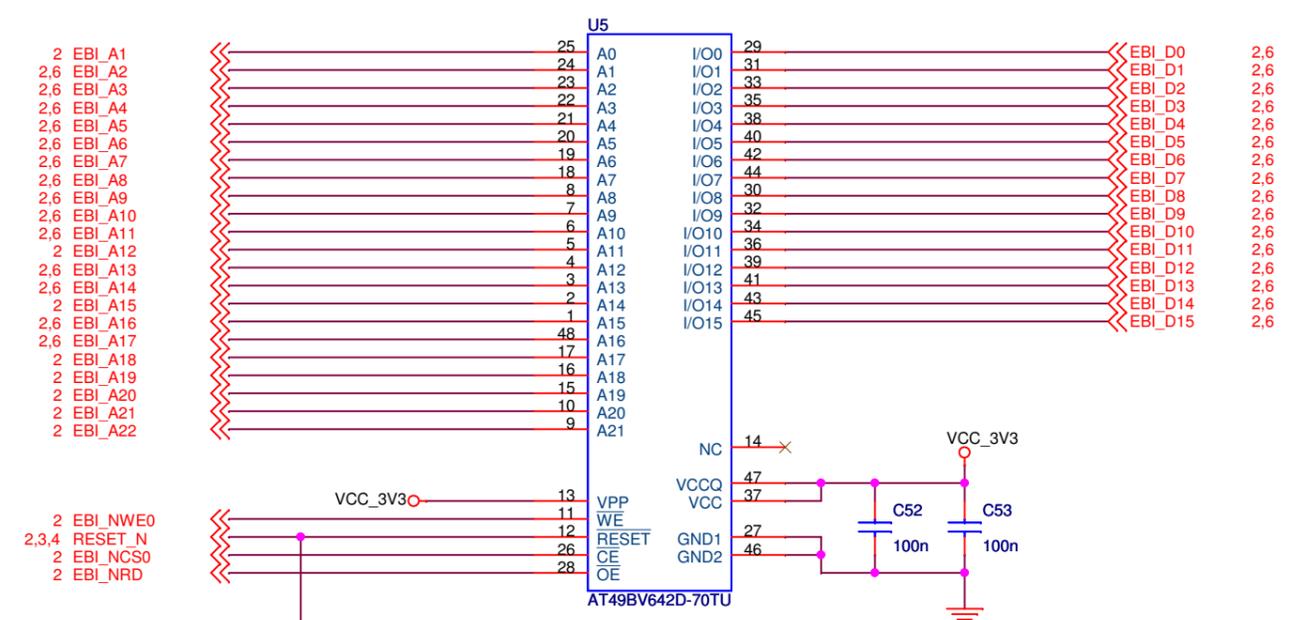
Rev PC1

Date: Tuesday, November 07, 2006 Sheet 3 of 13

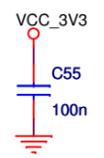


NOTE: The serial FLASH are possible to update with larger memories in the future within the same footprint.

## 8MB parallel FLASH



## 8MB serial FLASH



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



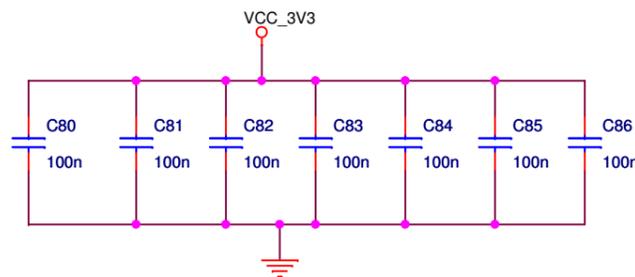
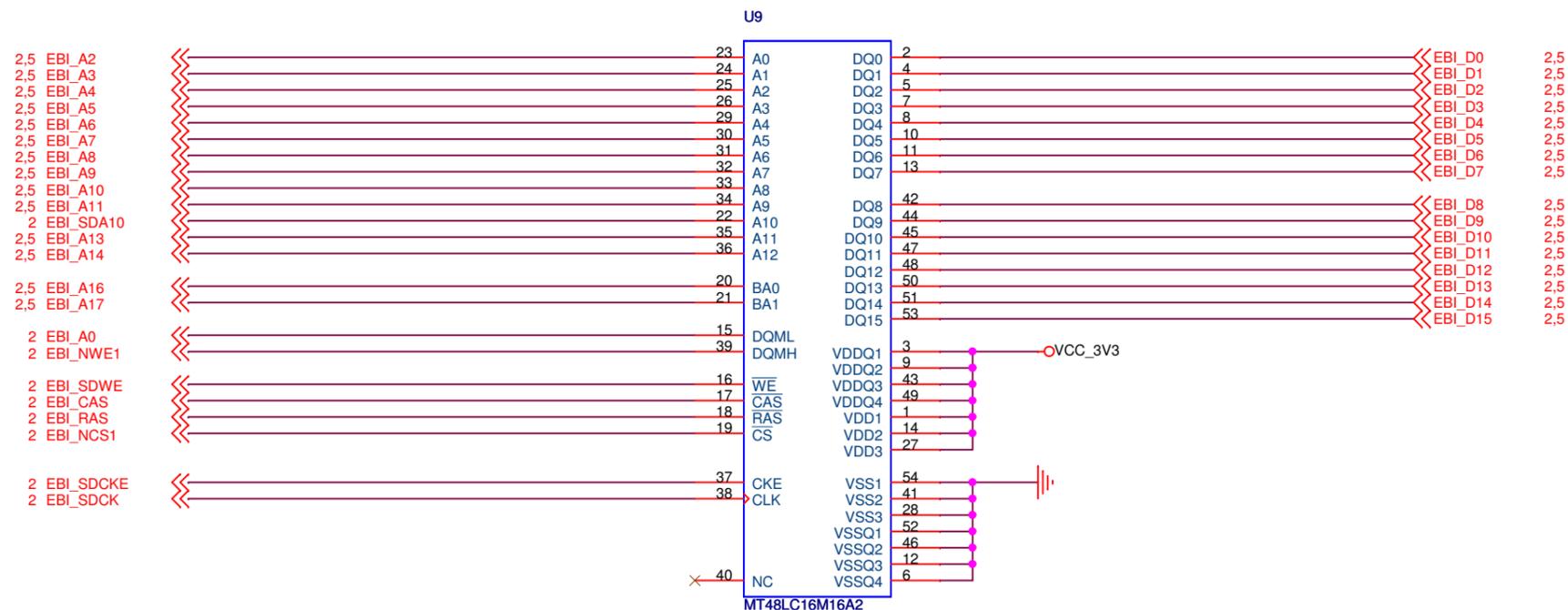
Title FLASH

Size A3 Document Number <Doc> Rev PC1

Date: Tuesday, November 07, 2006 Sheet 5 of 13

NOTE: The SDRAM are possible to update with larger memories in the future within the same footprint.

## 32MB



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



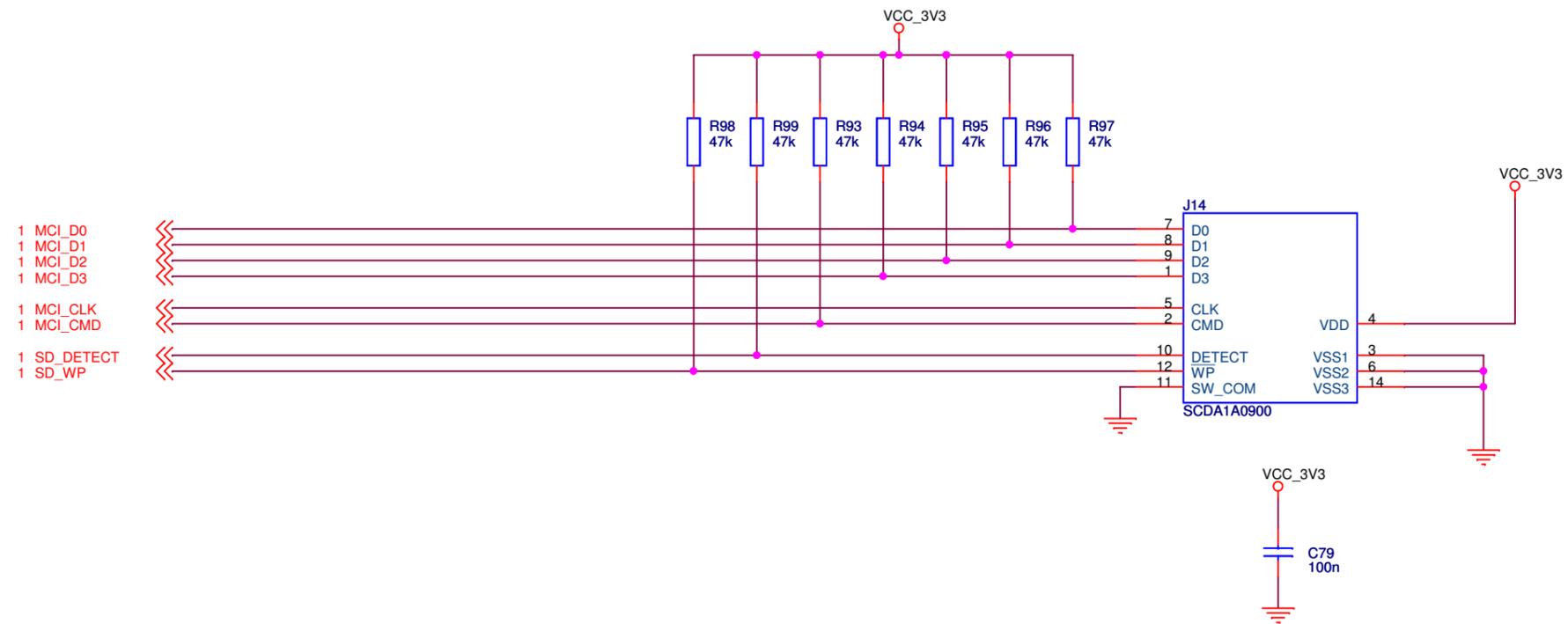
Title SDRAM

Size A3 Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 Sheet 6 of 13

# SD/MMC



<Core Design>

ATMEL Norway AS  
 Vestre Rosten 79  
 N-7075 TILLER  
 Norway



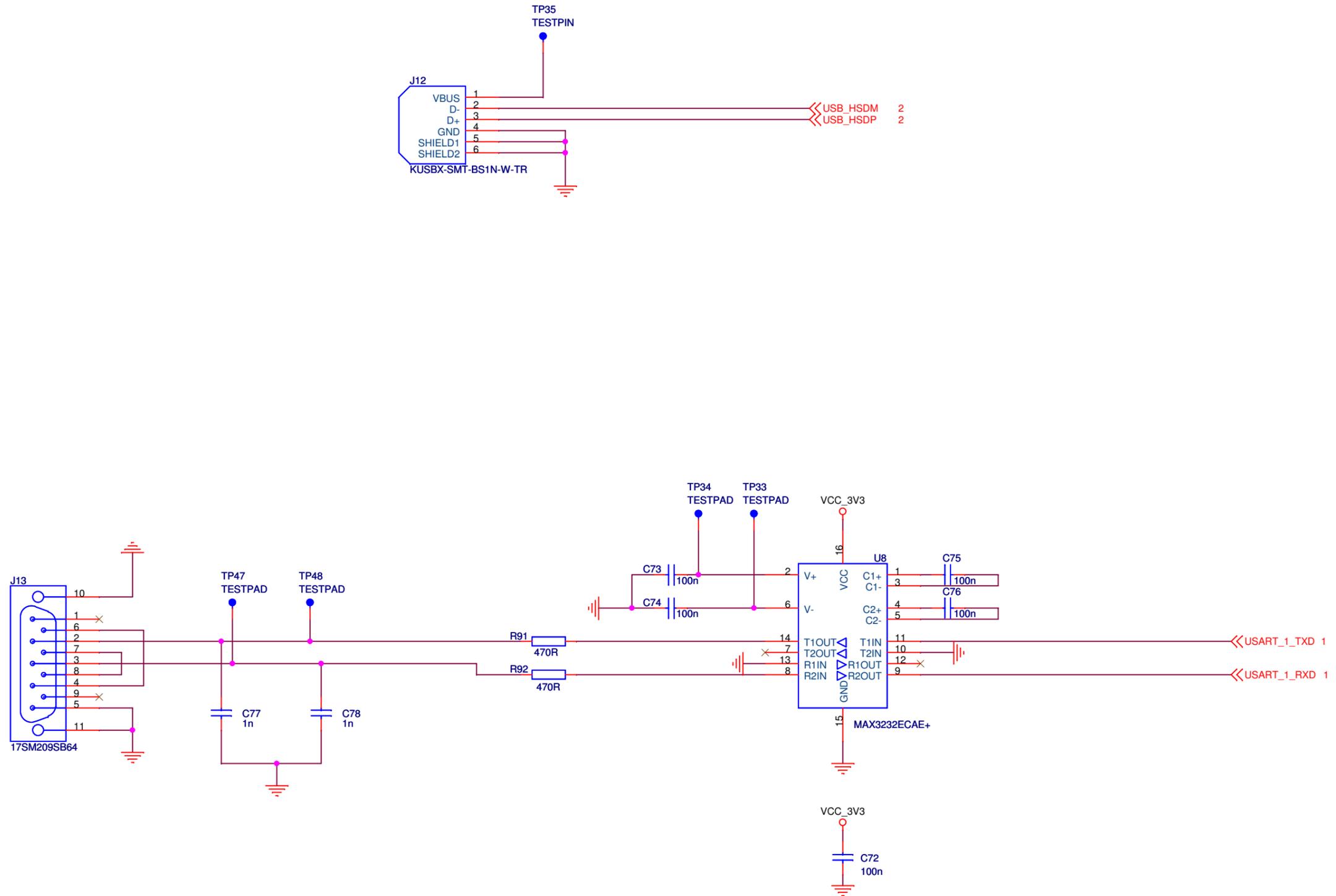
Title SD/MMC

Size A3  
 Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 | Sheet 7 of 13

# RS-232 / USB



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



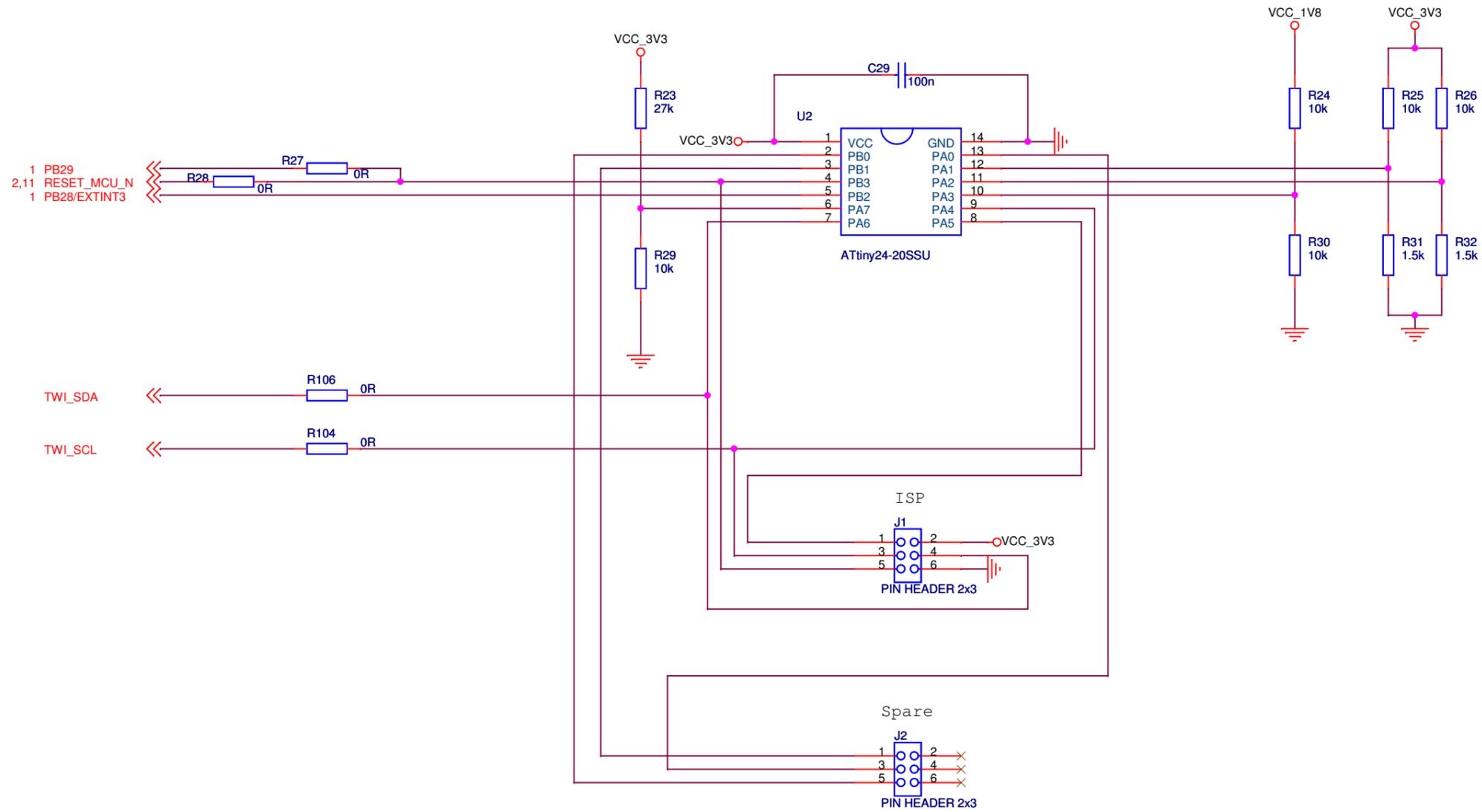
Title RS-232/USB

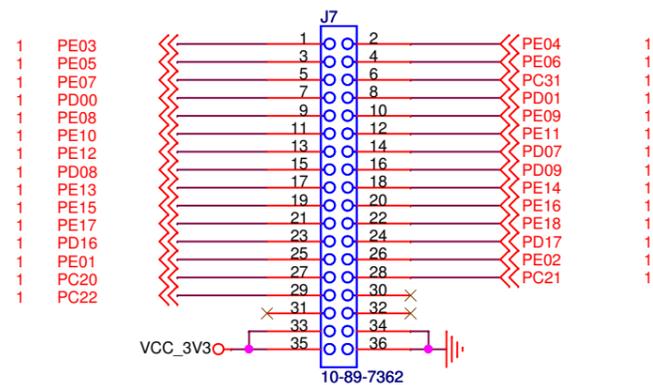
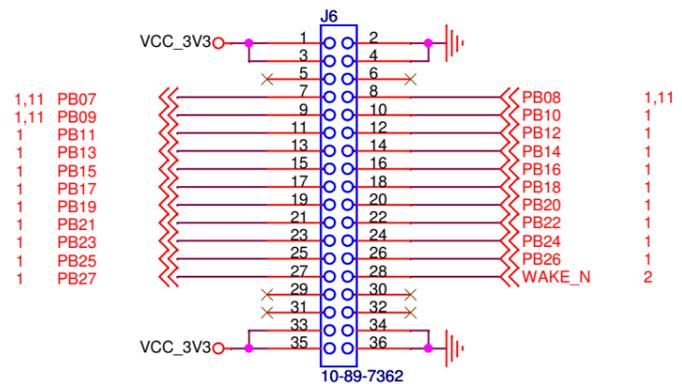
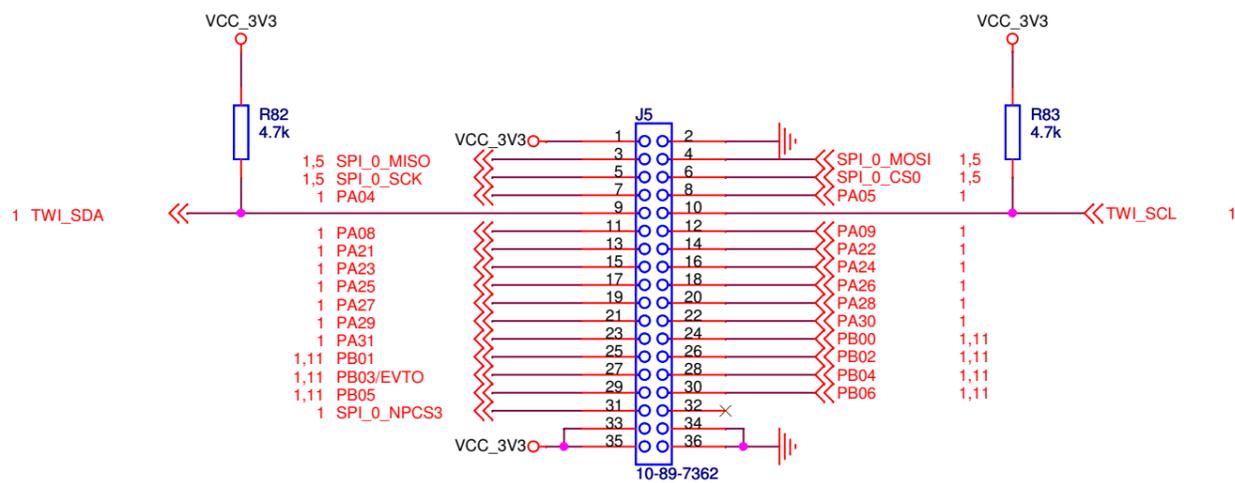
Size A3  
Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 | Sheet 8 of 13

# BOARD CONTROL





<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



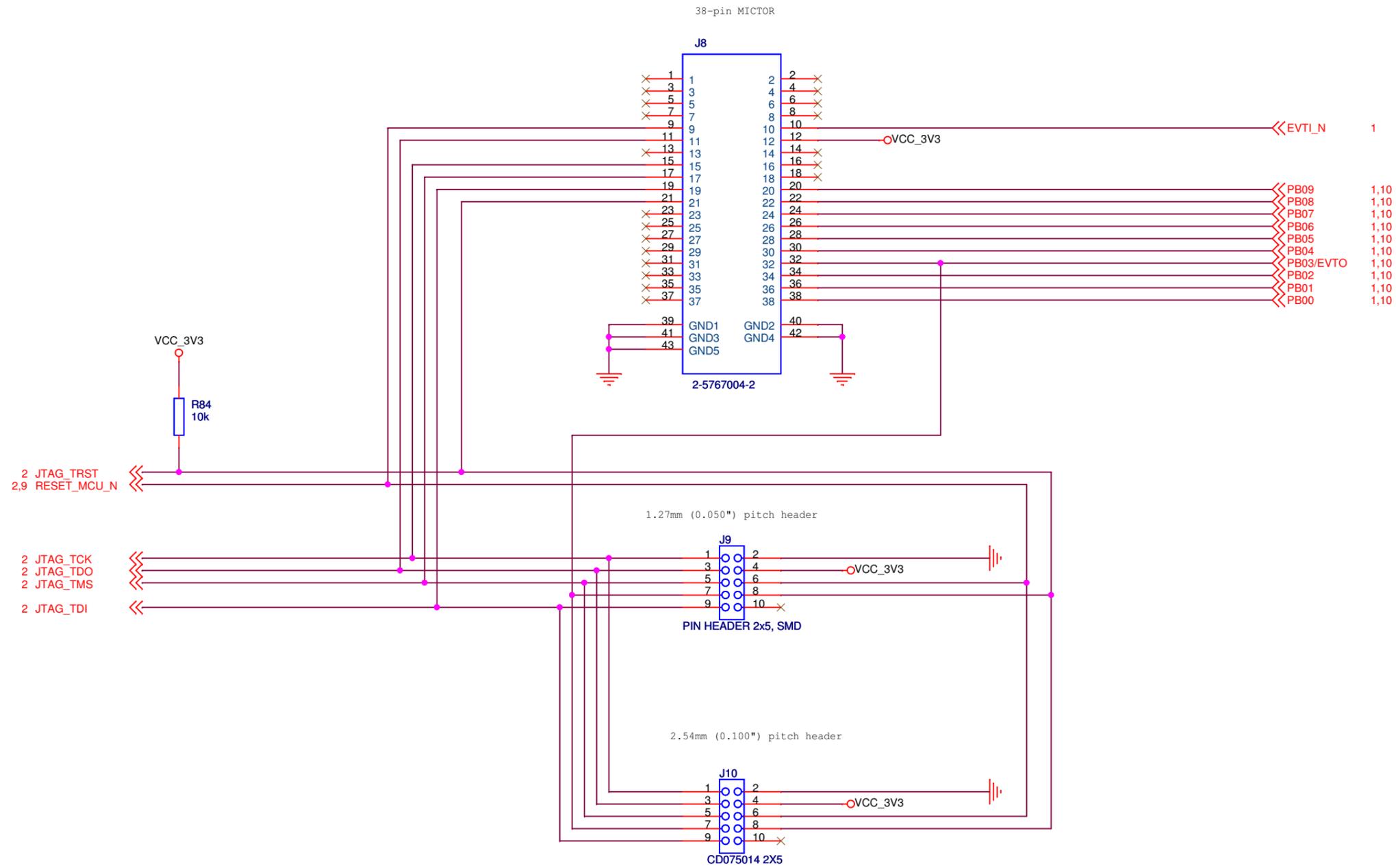
Title GPIO

Size A3  
Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 | Sheet 10 of 13

# JTAG\_NEXUS



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



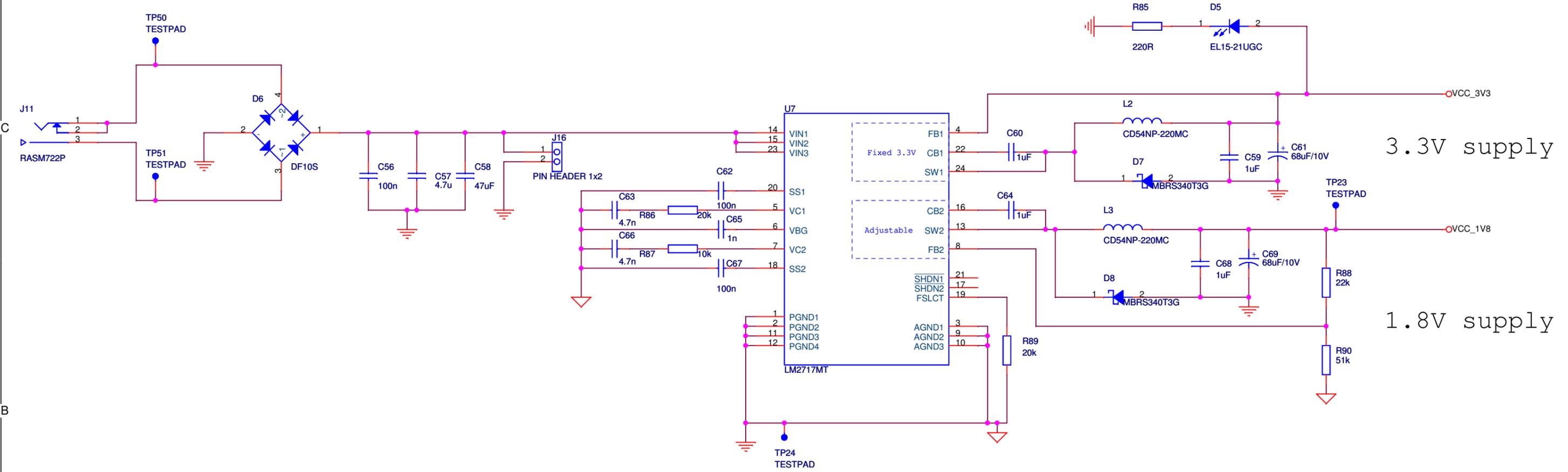
Title JTAG/NEXUS

Size A3  
Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 | Sheet 11 of 13

Input voltage 9-15V



3.3V supply

1.8V supply

<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway

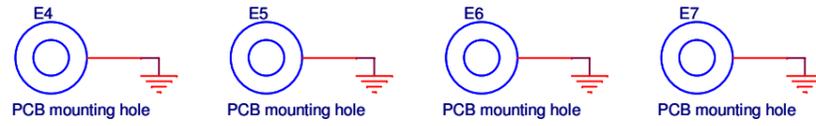
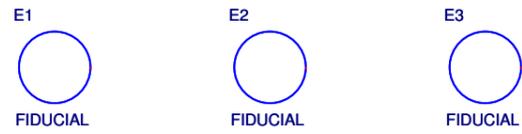
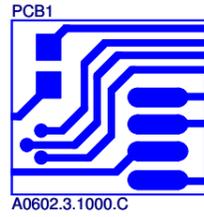


Title Power

Size A3  
Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 | Sheet 12 of 13



<Core Design>

ATMEL Norway AS  
Vestre Rosten 79  
N-7075 TILLER  
Norway



Title Non Electrical

Size A3 Document Number <Doc>

Rev PC1

Date: Tuesday, November 07, 2006 Sheet 13 of 13